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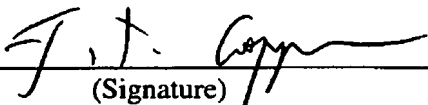
Application No.: 10/689,398  
Response dated 31 August 2007

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Andrei Colibaba-Evulet

: Group Art Unit: 1753

Application No. 10/689,398

: Examiner: Maria J. Laios

Filed: October 17, 2003

For: AN APPLIANCE HAVING A CONTAINER INCLUDING A NANO-  
STRUCTURED MATERIAL FOR HYDROGEN STORAGE

**SECOND SUPPLEMENTAL RESPONSE TO RESTRICTION/  
ELECTION REQUIREMENT UNDER 35 U.S.C. 121**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

This Response is directed to the Office Action of July 13, 2007. In that Action, the Patent Office withdrew the previous Restriction Requirement, and issued a new one. The following inventions are designated by the Examiner:

- I) Claims 1-29, 53 and 64, , drawn to an appliance with a hydrogen storage container;
- II) Claims 30-52; drawn to a hydrogen storage container;
- III) Claims 54-63; 65-76; and 81-84, drawn to a method of making carbon nanostructures and metal nanoparticles; and
- IV) Claims 77-80, drawn to an apparatus for synthesizing carbon nanostructures and metal nanoparticles.

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- 1) Applicant elects Group I (Claims 1-29, 53 and 64), with traverse;  
and
- 2) Applicant selects, with traverse, the following species, based on  
Group I:

A-2) Propulsion - Turbine

Please Note: From the language of the present Restriction Requirement as to species-election, Applicant is unsure if the Examiner is requiring the election of one species from each of the general categories (in A1 through A8) set forth on page 4 of the Office Action. If that is the case, Applicant also provisionally elects "Combustion Based" as the Power Generating System; and "Combustion" as the Thermal Management System – Heating System.

Claims 4-5, 7, 10-12, and 53 are thought to correspond to the election of the A-2 species listed above.